

LAMINATE WALL STRUCTURE

ABSTRACT

5 A laminate wall structure which can be used as an
exterior wall in manufactured housing and site built
construction is made up of a low density layer having a
density of from about one-half pound to three pounds per
cubic foot, a second, reinforcing layer laminated to the
10 low density layer and, optionally, a cellulosic layer
laminated to the second, reinforcing layer. The low
density layer is preferably a foamed polymer layer, the
second, reinforcing layer is a polymer fabric, a
biaxially oriented polymeric film or a fiberglass
15 reinforced material and the cellulosic layer can be
impregnated with an adhesive and/or resin in order to
strengthen the laminate structure. This laminate wall
structure has a low weight and yet is strong enough to
meet wind zone wall diaphragm requirements for housing
20 construction.